

CONVENTION ON INTERNATIONAL TRADE IN ENDANGERED SPECIES
OF WILD FAUNA AND FLORA



Twenty-second meeting of the Plants Committee
Tbilisi (Georgia), 19-23 October 2015

Interpretation and implementation of the Convention

Species trade and conservation

Trees

Agarwood-producing taxa (*Aquilaria* spp. and *Gyrinops* spp.)

REPORT OF THE WORKING GROUP ON PRODUCTION SYSTEMS OF TREE SPECIES,
PLANTATIONS AND DEFINITIONS OF ARTIFICIAL PROPAGATION (DECISION 16.156)

1. This document has been submitted by Dr. Nandang Prihadi (Indonesia) and Mr. Cesar Beltetón (Guatemala) as co-chairs of the intersessional working group on plantations and artificial propagation of tree species.
2. At its 16th meeting (CoP16, Bangkok, 2013), the Conference of the Parties adopted the following Decision 16.156 on *Agarwood-producing taxa* (*Aquilaria* spp. and *Gyrinops* spp.):

Directed to the Plants Committee

The Plants Committee shall consider the current production systems of tree species, including mixed and monospecific plantations, and assess the applicability of the current definitions of artificial propagation in Resolution Conf. 10.13 (Rev. CoP15) and Resolution Conf. 11.11 (Rev. CoP15) respectively, and report back at the 17th meeting of the Conference of the Parties.

3. The Plants Committee at its 21st meeting (Veracruz, 5-8 May 2014), established an intersessional working group on plantations and artificial propagation of tree species with the following mandate:
 - a) Consider the current production systems of tree species, including mixed and monospecific plantations, and assess the applicability of the current definitions of artificial propagation in Resolution Conf. 10.13 (Rev. CoP15) and Resolution Conf. 11.11 (Rev. CoP15) respectively.
 - b) Consider how the Committee could report on these matters at the 17th meeting of the Conference of the Parties.
4. The membership was decided as follows:
 - a) Co-Chairs: Dr. Nandang Prihadi (Indonesia) and Mr. Cesar Beltetón (Guatemala);

* *The geographical designations employed in this document do not imply the expression of any opinion whatsoever on the part of the CITES Secretariat (or the United Nations Environment Programme) concerning the legal status of any country, territory, or area, or concerning the delimitation of its frontiers or boundaries. The responsibility for the contents of the document rests exclusively with its author.*

- b) Members: PC Chair (Ms. Clemente) and representatives of Asia (Mr. Fernando), Central and South America and the Caribbean (Ms. Rauber Coradin and Ms. Rivera) and Oceania (Mr. Leach); Parties: Brazil, Cameroon, Canada, Chile, China, Germany, Mexico, Peru, Portugal, Switzerland, United Kingdom of Great Britain and Northern Ireland and United States of America; and
 - c) IGOs and NGOs: European Commission, IUCN, Species Survival Network, TRAFFIC International and WWF.
5. The intersessional working group has prepared a questionnaire (see annex) to gather information regarding production systems for CITES-listed tree species, including monospecific and mixed plantations.
6. The cochairs asked the Secretariat to send a Notification to the Parties with the questionnaire to receive information with a deadline of 30 September 2015. The information received will be presented orally during the PC meeting.

Recommendations

7. The Plants Committee is invited to :
- a) discuss the information received regarding production systems for CITES-listed tree species, including monospecific and mixed plantations.
 - b) decide how to report the results to the CoP17 as directed in Decision 16.156

Production systems of tree species, plantations
and definitions of artificial propagation

Questionnaire completed by:

Country:

Date:

Questionnaire Response Author(s) (name, title, institution):

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PLEASE TO BE SENT TO: nandpri@yahoo.com and cesarbelte@gmail.com
before 30 of September 2015

The Parties to CITES that have established mixed and/or monospecific plantations of CITES-listed tree species, are requested to answer the following questions:

Please note that these questions should be answered for only CITES-listed tree species.

| A. Legislation, regulation, and management of tree species grown in mixed and monospecific plantations. | |
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| 1. Indicate the specific national legislation that provides for the establishment and management of production systems of tree species grown in mono-specific and mixed tree plantations: | |
| a) Describe legislation, regulations, decrees or other legal documents (measures) related to plantation grown tree species. | |
| b) What national measures have been applied to promote mixed and mono-specific plantations with special emphasis on CITES-listed tree species? | |
| c) Does your country always require management plans, forestry management plans or other plans for the establishment of mixed and mono-specific tree plantations? <i>Please mark one option and provide a narrative explanation.</i> | YES NO SOMETIMES Please explain when and the species involved |
| d) What is the average duration of a plantation management plan? | |
| e) Is there third-party certification of plantations in your country? | |

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| f) Where do mixed and/or monospecific tree plantations occur (e.g., privately owned land, community owned land, government lands)? | |
| g) Which definition of plantation is used in your silvicultural legislation? | |
| h) Please provide other relevant information on tree plantations in your country. | |
| 2. Has your country conducted forest inventories or national registries that include up-to-date information on production systems for tree species from mixed and/or monospecific tree plantations? (please mark one option) | YES NO |
| a) What kind of mixed and/or monospecific plantations exist in your country? | |
| b) Are CITES-listed tree species grown in monospecific plantations in your country? If yes, please list species. | |
| c) Are CITES-listed tree species grown in mixed species plantations in your country? If yes, please list species. | |
| d) Where do mixed tree plantations occur in your country (e.g., existing primary natural forest, secondary forests, deforested lands, non-forested lands)? | |
| e) How many hectares (or acres) of mixed tree plantations and monospecific plantations exist in your country? | |
| B. Evaluation of the characteristics of the production systems of tree species grown in mixed and/or monospecific plantations. | |
| a) Are the CITES-listed tree species grown in plantations native or introduced species? | |
| b) Do plantation management practices include techniques designed to improve tree production and timber yields (e.g., seed tree selection, breeding, hybridization)? | |
| c) Describe the propagation methods used for tree species grown in mixed and monospecific plantations and the controlled conditions applied in these production systems | |
| d) What is the origin of the material (e.g., from existing primary natural forests, secondary forests, plantations) used for the propagation of tree species included in these production systems? | |

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| e) Are nursery-grown seedlings planted in plantations and/or in natural forests? | |
| f) Do you treat nursery-grown seedlings planted in natural forests as plantations? | |
| g) Are remnant trees included within the managed plantation? | |
| h) What kind of products is produced from mixed and/or monospecific tree plantations (e.g., wood, bark, oil, extracts, etc.)? | |
| i) What CITES source codes (e.g., W, A, O) are used to export plantation-grown tree species parts and products (e.g., wood, bark, derivatives) from your country? | |
| j) Is there commercial harvest of additional adventive CITES-listed species from plantation e.g. orchids, tree ferns, medicinal plants, etc. | |
| C. Gathering information related to the export of products of tree species from mixed and monospecific plantations, including volume and products, indicating the percentage originating from mixed and monospecific plantations. | |
| a) What is the volume exported in the last five years by the type of product for each of the tree species grown in plantations? | |
| b) What is the percentage of the total export of the products derived from mixed and/or monospecific plantations? | |
| D. Please provide periodic photographs of CITES-listed tree species growing in mixed and/or monospecific plantations, and at various stages of production (nursery seedlings, young plantations, older plantations, harvest of plantations). | |